

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-5 (Canceled)

6. (Currently Amended) An injection device for injecting a liquid or a semi-solid composition into a subject, the device comprising:

a hollow housing (10) having a proximal end (~~14a~~) and a distal end (~~14b~~), said distal end (~~14b~~) being configured to contain a liquid (20B) and a ~~dry~~ solid drug composition (~~20~~) (20A) separate from each other, wherein said liquid (20B) and said ~~dry~~ solid drug composition (20A) (~~20~~) are combined in said housing (10) prior to injection to form a composition (20) for injection into a subject;

a hollow needle (12) affixed to the distal end (~~14b~~) of the housing (10), said needle (12) having a distal end extending outside of the housing (10) and having a proximal end extending longitudinally within said housing (10);

a plunger (29) comprising a proximal end and a distal end, said plunger (29) arranged to slide within the proximal end (~~14a~~) of the housing (10);

a septum plunger (16) slidably arranged within the housing (10) between the plunger (29) and the distal end (~~14b~~) of the housing (10), said septum plunger (16) being configured to isolate the liquid and/or the ~~dry~~ drug composition (20) between the septum plunger (16) and the distal end of the plunger (29);

a hollow sleeve (22) slidably connected to the distal end (~~14b~~) of the housing (10) and arranged to cover the needle (12) prior to injection, to retract into the housing (10) during injection and to cover the needle (12) after the injection upon contact with said septum plunger

(16) as said septum plunger (16) is displaced by said plunger (29) towards the distal end (14b) of said housing (10); and

wherein the device (1) is designed such that when the sleeve (22) is pressed against the subject (34), the sleeve (22) retracts into the housing (10) thereby allowing the needle (12) to penetrate into the subject (34), and when the plunger (29) is pushed into the housing (10), the proximal end of the needle (12) pierces the septum plunger (16) thereby exposing the proximal end of the needle (12) to the previously isolated composition (20) and the composition (20) is pushed from the housing (10) into and through the needle (12) and into the subject (34).

7. (Previously Presented) A device (1) of claim 6, wherein the proximal end (14a) of the housing (10) comprises a flange (28).

8. (Previously Presented) A device (1) of claim 6, wherein the proximal end of the plunger (29) comprises a flange (18).

Claims 9-21 (Canceled)

22. (Previously Presented) An injection device (1) of claim 6, wherein the device (1) is further configured such that when the composition (20) is pushed out of the housing (10), the plunger (16) moves the sleeve (22) out of the housing (10) to cover the needle (12).

23. (Previously Presented) A device (1) of claim 6, wherein the housing (10) contains the liquid or semi-solid composition (20).

24. (Previously Presented) A device (1) of claim 22, wherein the housing (10) contains the liquid or semi-solid composition (20).

25. (Previously Presented) A device (1) of claim 6, wherein the device (1) further comprises a releasable lock (25) to inhibit the movement of prevent the plunger (29) from sliding into in the proximal end of said housing (10).

26. (Previously Presented) A device (1) of claim 6 which further comprises a removable cap (21) which covers the sleeve (22).

27. (Previously Presented) A device (1) of claim 6, wherein said septum plunger (16) contains a bore (26) which the needle (12) pierces the bore (26) in the septum plunger (16) during use of said injection device (1).

28. (New) A cartridge for use in an injection device for injecting a composition into a subject, the cartridge comprising:

- a hollow housing comprising a distal end and a proximal end;
  - a septum cap (17) engaged at and closing the distal end;
  - a first septum plunger (30B) slidably arranged within and closing the proximal end;
  - a second septum plunger (30A) slidably arranged within the housing between the septum cap (17) and first septum plunger (30B);
  - a proximal compartment within the housing between the first (30B) and second (30A) septum plunger;
  - a distal compartment within the housing between the second septum plunger (30A) and the septum cap (17);
  - a bypass (51) disposed within the housing between the second septum plunger (30A) and septum cap (17); and
  - a releasable lock (50) adapted to engage first septum plunger (30B) and lock first septum plunger (30B) in place;
- wherein the cartridge is designed such that loading is performed by engaging releasable lock (50) with first septum plunger (30B), introducing a liquid composition (20B) into the

proximal compartment, and introducing a solid composition (20A) into the distal compartment under a vacuum, and wherein the liquid or semi-solid composition is formed by removing releasable lock (50), thereby repositioning first (30B) and second (30A) plungers such that liquid composition (20B) flows through bypass (51) and into the proximal compartment and contacts the solid composition (20A), thereby forming the composition for injection into a patient.